

L Number	Hits	Search Text	DB	Time stamp
3	6	("2969960"   "3653637"   "3685804"   "4128342"   "4462692"   "4638954").PN.	USPAT	2004/06/16 20:43
4	11	4908101.URPN.	USPAT	2004/06/16 21:02
97	2	"19738171"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/16 22:16
-	19769	auger	USPAT	2004/06/15 20:54
-	640	auger and 405/\$.cccls.	USPAT	2004/06/15 22:54
-	144	(auger and casing) and (rotat\$4 near5 counter)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/15 23:05
-	7	(auger and casing) same (rotat\$4 near5 counter)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/15 22:58
-	412	(auger near5 rotat\$4) and (casing near5 rotat\$5)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/15 23:18
-	7425	(rotat\$4 near4 right) and (rotat\$5 near left)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/15 23:00
-	27249	(rotat\$4 near4 right) and (rotat\$5 near5 left)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/15 23:11
-	128328	(rotat\$4 near4 direction) and (rotat\$5 near5 opposite)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/15 23:02
-	157053	(rotat\$4 near4 direction) and (rotat\$5 near15 opposite)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/15 23:15
-	90653	(rotat\$4 near4 clock\$) and (rotat\$5 near6 counter\$)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/15 23:13
-	236654	((rotat\$4 near4 right) and (rotat\$5 near5 left)) or ((rotat\$4 near4 direction) and (rotat\$5 near15 opposite)) or ((rotat\$4 near4 clock\$) and (rotat\$5 near6 counter\$))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/15 23:04
-	91	((auger near5 rotat\$4) and (casing near5 rotat\$5)) and ((rotat\$4 near4 right) and (rotat\$5 near5 left)) or ((rotat\$4 near4 direction) and (rotat\$5 near15 opposite)) or ((rotat\$4 near4 clock\$) and (rotat\$5 near6 counter\$))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/16 00:33
-	2278	((rotate or rotating or rotatable) near4 right) and ((rotate or rotating or rotatable) near5 left)	USOCR	2004/06/15 23:15
-	40735	((rotate or rotating or rotatable) near4 direction) and ((rotate or rotating or rotatable) near15 opposite)	USOCR	2004/06/15 23:13
-	46179	((rotate or rotating or rotatable) near4 clock\$) and ((rotate or rotating or rotatable) near6 counter\$)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/15 23:15
-	18907	((rotate or rotating or rotatable) near4 (clockwise or clock-wise)) and ((rotate or rotating or rotatable) near6 (counter-clockwise or counterclockwise))	USOCR	2004/06/15 23:17

-	56288	((rotate or rotating or rotatable) near4 right) and ((rotate or rotating or rotatable) near5 left)) or (((rotate or rotating or rotatable) near4 direction) and ((rotate or rotating or rotatable) near15 opposite)) or (((rotate or rotating or rotatable) near4 (clockwise or clock-wise)) and ((rotate or rotating or rotatable) near6 (counter-clockwise or counterclockwise)))	USOCR	2004/06/15 23:18
-	56	(auger near5 (rotate or rotating or rotatable)) and (casing near5 (rotate or rotating or rotatable))	USOCR	2004/06/15 23:19
-	11	((((rotate or rotating or rotatable) near4 right) and ((rotate or rotating or rotatable) near5 left)) or (((rotate or rotating or rotatable) near4 direction) and ((rotate or rotating or rotatable) near15 opposite)) or (((rotate or rotating or rotatable) near4 (clockwise or clock-wise)) and ((rotate or rotating or rotatable) near6 (counter-clockwise or counterclockwise)))) and ((auger near5 (rotate or rotating or rotatable)) and (casing near5 (rotate or rotating or rotatable)))	USOCR	2004/06/15 23:19
-	5349	auger near4 (helix or helical or flight or blade)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/16 00:51
-	23545	(protrusion or roughness or bump or recess or projection or proturbance or proturbance or dimple) near4 (helix or helical or flight or blade)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/16 01:58
-	55	(auger near4 (helix or helical or flight or blade)) same ((protrusion or roughness or bump or recess or projection or proturbance or proturbance or dimple) near4 (helix or helical or flight or blade))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/16 00:35
-	1141	auger near4 (helix or helical or flight or blade)	USOCR	2004/06/16 00:51
-	10982	(protrusion or roughness or bump or recess or projection or proturbance or proturbance or dimple) near4 (helix or helical or flight or blade)	USOCR	2004/06/16 01:31
-	24	(auger near4 (helix or helical or flight or blade)) and ((protrusion or roughness or bump or recess or projection or proturbance or proturbance or dimple) near4 (helix or helical or flight or blade))	USOCR	2004/06/16 00:52
-	23	("3638433"   "3685302"   "3869003"   "4091661"   "4165198"   "4314615"   "4605339"   "4637758"   "4657441"   "4730954"   "4738568"   "4770256"   "4966498"   "5066168"   "5145285"   "5249892"   "5423633"   "5608169"   "5622453"   "5645376"   "5978749"   "6354766"   "6354768").PN.	USPAT	2004/06/16 01:03
-	0	6688815.URPN.	USPAT	2004/06/16 01:06
-	9	("3869003"   "4165198"   "4637758"   "4657441"   "4738568"   "4966498"   "5066168"   "5249892"   "5423633").PN.	USPAT	2004/06/16 01:06
-	0	6425713.URPN.	USPAT	2004/06/16 01:07
-	12	("3638433"   "3685302"   "4091661"   "4314615"   "4605339"   "4730954"   "4770256"   "5145285"   "5249892"   "5608169"   "5622453"   "5978749").PN.	USPAT	2004/06/16 01:07
-	1	6354766.URPN.	USPAT	2004/06/16 01:07
-	6	("2923133"   "2924948"   "4160613"   "5234290"   "5683207"   "5833399").PN.	USPAT	2004/06/16 01:07

-	2	6168350.URPN.	USPAT	2004/06/16 01:08
-	14	("0286599"   "2023966"   "2191248"   "2743585"   "2897553"   "3123163"   "3436921"   "3525224"   "3851483"   "4618287"   "4621950"   "4697649"   "4983072"   "5066168").PN.	USPAT	2004/06/16 01:09
-	1	6142712.URPN.	USPAT	2004/06/16 01:10
-	28	("3097492"   "3687200"   "3875751"   "4064940"   "4212565"   "4393939"   "4566825"   "4606675"   "4637759"   "4886400"   "4886550"   "4906142"   "4958962"   "5026215"   "5106423"   "5141366"   "5263797"   "5269632"   "5295769"   "5325922"   "5368415"   "5378085"   "5417522"   "5447197"   "5476142"   "5488991"   "5503501"   "5512096").PN.	USPAT	2004/06/16 01:11
-	2	5814147.URPN.	USPAT	2004/06/16 01:14
-	10	("3621910"   "3864923"   "3869003"   "4193459"   "4296821"   "4809788"   "4813496"   "5104264"   "5232268"   "5269107").PN.	USPAT	2004/06/16 01:14
-	4	5660504.URPN.	USPAT	2004/06/16 01:15
-	3	5516237.URPN.	USPAT	2004/06/16 01:17
-	9	("0839829"   "0890765"   "1113558"   "1665795"   "1681883"   "2488073"   "3579936"   "4116012"   "4793110").PN.	USPAT	2004/06/16 01:17
-	8	("0292550"   "0301506"   "1684254"   "2303584"   "2397305"   "3306433"   "3664100"   "3762537").PN.	USPAT	2004/06/16 01:19
-	6	3964492.URPN.	USPAT	2004/06/16 01:20
-	5	("2627140"   "3360108"   "3967722"   "4192418"   "4258069").PN.	USPAT	2004/06/16 01:21
-	52	((protrusion or roughness or bump or recess or projection or proterbance or proturbance or dimple) near4 (helix or helical or flight or blade)) near9 auger	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/16 01:27
-	13	((protrusion or roughness or bump or recess or projection or proterbance or proturbance or dimple) near4 (helix or helical or flight or blade)) near9 auger) not ((auger near4 (helix or helical or flight or blade)) same ((protrusion or roughness or bump or recess or projection or proterbance or proturbance or dimple) near4 (helix or helical or flight or blade)))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/16 01:27
-	317	(protrusion or roughness or bump or recess or projection or proterbance or proturbance or dimple) near4 (auger)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/16 01:31
-	4	((protrusion or roughness or bump or recess or projection or proterbance or proturbance or dimple) near4 (auger)) same (block\$3)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/16 01:33
-	27313	(protrusion or roughness or bump or recess or projection or proterbance or proturbance or dimple) near5 (helix or helical or flight or blade)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/16 01:33
-	58	((protrusion or roughness or bump or recess or projection or proterbance or proturbance or dimple) near4 (auger)) and ((protrusion or roughness or bump or recess or projection or proterbance or proturbance or dimple) near5 (helix or helical or flight or blade))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/16 01:33
-	110	(auger near4 (helix or helical or flight or blade)) and ((protrusion or roughness or bump or recess or projection or proterbance or proturbance or dimple) near4 (helix or helical or flight or blade))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/16 01:39

-	5	3039208.URPN.	USPAT	2004/06/16 01:48
-	1	((protrusion or roughness or bump or recess or projection or proterbance or proturbance or dimple) near4 (auger)) near9 (increas\$3 or decreas\$3)	USOCR	2004/06/16 01:59
-	7	((protrusion or roughness or bump or recess or projection or proterbance or proturbance or dimple) near4 (auger)) near9 (increas\$3 or decreas\$3)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/16 02:00
-	397	(241/260.1).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/16 18:15
-	10	("0333965"   "3593843"   "3812985"   "4344580"   "4694993"   "4720047"   "4950081"   "4951883"   "5148999"   "5199638"   "5199638").PN.	USPAT	2004/06/16 19:28